Java Secure Coding Camp | Attacking & Securing Java / JEE Web Applications (TT8320-J)

Price: 2595

Duration:

Delivery Methods: Virtual

Overview

About this Course

Discover the cutting-edge of cybersecurity and elevate your skills as a Java Web developer with our comprehensive Bug Hunting and Application Security course. Designed specifically for experienced Java web developers, our Java Secure Coding Camp | Attacking and Securing Java Web Applications is an immersive, hands-on training program that delves deep into the world of bug hunting, ethical hacking, and web application security. Through real-world case studies, engaging labs, and expert instruction, you'll gain the knowledge and skills needed to fortify your applications, stay ahead of emerging threats, and protect your organization from costly security breaches.

Upon completing this course, you will not only acquire a profound understanding of application security concepts and best practices but also enhance your problem-solving, debugging, and overall software development prowess. Empowered with these new skills, you'll be well-prepared to identify, address, and prevent security threats in your Java Web applications, ensuring a robust and secure digital environment for your organization.

Audience Profile

This is an intermediate level Java programming course, designed for experienced Java Web developers, software engineers, and architects who are seeking to enhance their knowledge and

skills in application security, bug hunting, and secure software development. The course would also be well-suited for IT professionals, such as security analysts, security engineers, and DevOps team members, who are responsible for ensuring the security and integrity of web applications in their organizations.

At Course Completion

With a strong focus on real-world case studies and labs, this course will sharpen your ability to identify, analyze, and resolve security issues in their applications. Working in a lab-intensive, hands-on coding environment you'll:

· Master the fundamentals of secure coding and understand the stages of an exploit, focusing on defensive techniques.

· Establish foundational axioms for analyzing and addressing security in web applications, guiding your approach through this course and future endeavors.

· Learn responsible ethical hacking methods, including defect detection, bug reporting, and ensuring all activities are executed in a safe environment.

· Recognize and sidestep frequent pitfalls in vulnerability testing and bug hunting, leveraging best practices.

· Gain insight into the significance of multilayered defense strategies, evaluating the effectiveness of layered defenses through hands-on testing.

· Identify and handle untrusted data sources, understanding the associated risks like denial of service, cross-site scripting, and injections.

· Dive deep into authentication and authorization, pinpointing vulnerabilities and learning how to fortify these crucial security areas.

· Understand and counteract web-specific threats such as Cross-Site Scripting (XSS) and Injection attacks, mastering both offensive and defensive techniques.

· Examine risk factors in XML processing, file and software uploads, and deserialization, along with strategies for risk mitigation.

· Get acquainted with key security tools, from code scanners to web application firewalls, while also exploring server and infrastructure hardening techniques.

If your team requires different topics or tools, additional skills or custom approach, this course may be further adjusted to accommodate.

Prerequisites

Practical hands-on Java web development experience. This is java coding class that requires intermediate Java developer skills to complete the lab work.

Course Schedule

Date	Time	Price	Options

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How do I enroll for this class?

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You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a ‘Certificate of Completion’ once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.